

**To:** Miller, Linda[miller.linda@epa.gov]  
**From:** Levine, Carolyn  
**Sent:** Fri 2/7/2014 10:11:04 PM  
**Subject:** RE: Formaldehyde Update

**Ex. 5 - Deliberative**

EPA contacted Dr. Simonton/Marshall University to ask questions concerning the reported formaldehyde results in some water samples. On February 5th, Dr. Simonton provided EPA with a lab report for five samples collected at one location - Vindalia Grille - on 1/13/14.

The regional lab's summary of results based on the lab report:

- Five samples (3 from water tanks from bathroom toilets) collected on 1/13/14.
- Positive formaldehyde results were 32 ppb and 33 ppb and were from the 3 toilet water samples.
- Only two of the samples with positive formaldehyde results had positive detects for MCHM (160 ppb and 1900 ppb). One sample with 32ppb of formaldehyde was non-detect for MCHM at a detection limit of 50 ppb.
- Method blanks were non-detect for formaldehyde and MCHM.

EPA will be following up with Dr. Simonton to obtain more specifics on the raw data and discuss details of methodology.

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From: Miller, Linda  
Sent: Friday, February 07, 2014 4:05 PM  
To: Levine, Carolyn  
Subject: FW: Formaldehyde Update

This is additional information fyi.

**Ex. 5 - Deliberative**

EPA contacted Dr. Simonton/Marshall University to ask questions concerning the reported formaldehyde results in some water samples. On February 5th, Dr. Simonton provided Jennifer with a lab report for five samples collected at one location - Vindalia Grille - on 1/13/14. Lab report does not contain raw data. Method used was SW0846 8315A (HPLC/UV with derivatization).

Summary of Results based on the Lab Report:

- Five samples (3 from water tanks from bathroom toilets) collected on 1/13/14.
- Positive formaldehyde results were 32 ppb and 33 ppb and were from the 3 toilet water samples.
- Only two of the samples with positive formaldehyde results had positive detects for MCHM (160 ppb and 1900 ppb). One sample with 32ppb of formaldehyde was non-detect for MCHM at a detection limit of 50 ppb.
- Method blanks were non-detect for formaldehyde and MCHM.

EPA will be following up with Dr. Simonton to obtain more specifics on the raw data and discuss details of methodology.

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From: Caporale, Cynthia  
Sent: Friday, February 07, 2014 3:59 PM  
To: Kelly, Jack (R3 Phila.); binetti, victoria; Arguto, William; Miller, Linda  
Cc: Wilkie, walter; Pomponio, John; Foreman, Fred; Gundersen, Jennifer  
Subject: Formaldehyde Update

All,

This is an update to the reach out Jennie made to Professor Simonton/Marshall University that Jennie covered on today's call.

Dr. Jennifer Gundersen contacted Dr. Simonton/Marshall University to ask questions concerning the reported formaldehyde results in some water samples. On February 5th, Dr. Simonton provided Jennifer with a lab report for five samples collected at one location - Vindalia Grille - on 1/13/14. Lab report does not contain raw data. Method used was SW0846 8315A (HPLC/UV with derivatization).

Summary of Results based on the Lab Report:

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- Only two of the samples with positive formaldehyde results had positive detects for MCHM (160 ppb and 1900 ppb). One sample with 32ppb of formaldehyde was non-detect for MCHM at a detection limit of 50 ppb.
- Method blanks were non-detect for formaldehyde and MCHM.

Jennifer will be following up with Dr. Simonton to obtain more specifics on the raw data and discuss details of methodology.

**Ex. 5 - Deliberative**

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Attached is the report provided by Dr. Simonton.

Cindy

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